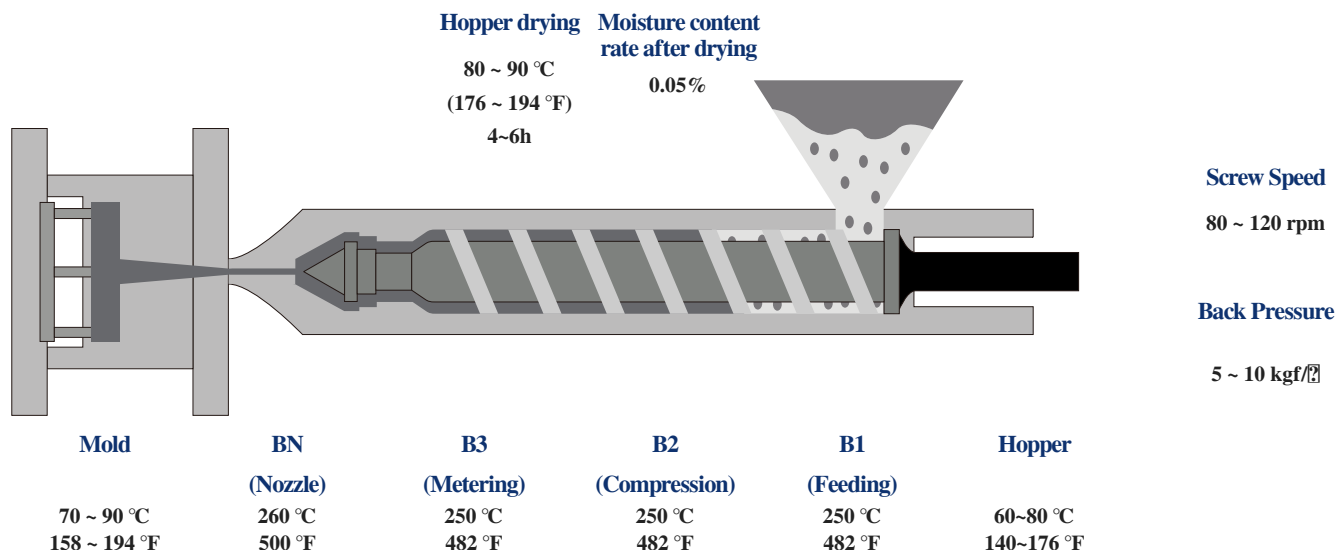


PA6 | KEPAMID 1315GF | Glass fiber reinforced grade

- KEPAMID 1315GF is a glass fiber 15%-reinforced PA6 grade.
- It has strong mechanical properties and heat resistance.
- It is suitable for applications such as automotive, electrical & electronics, and industrial parts.

Physical properties	Test Standard	Unit	Value
Filler contents	ISO 1172	%	15
Specific gravity	ISO 1183	-	1.23
Water absorption(23 °C, 50 %RH)	ISO 62	%	1.3~1.7
Thermal properties	Test Standard	Unit	Value
Melting point (10 °C/min)	ISO 11357	°C	220
Heat deflection temperature (0.45 MPa)	ISO 75	°C	220
Heat deflection temperature (1.8 MPa)	ISO 75	°C	205
Flammability (t = 0.8 mm)	UL 94	Class	HB
Mechanical properties	Test Standard	Unit	Value
Tensile modulus	ISO 527	MPa	6,100
Tensile stress	ISO 527	MPa	120
Strain at break	ISO 527	%	3.0
Flexural strength	ISO 178	MPa	190
Flexural modulus	ISO 178	MPa	5,500
Charpy impact strength(Notched) @ 23 °C	ISO 179/1eA	kJ/m ²	7.0
Rockwell Hardness(R-Scale)	ISO 2039	-	120
Electrical properties	Test Standard	Unit	Value
Volume resistivity	IEC 62631-3-2	Ω·cm	10 ¹⁵
Permittivity (1 MHz)	IEC 60250	-	3.8

Injection molding condition



Contact information

Headquarters : T Tower 10F, 30, Sowol-ro 2-gil, Jung-gu, Seoul, Republic of Korea (04637) / TEL: +82-2-6952-8377

KPAC China : Room T2-903C, No.2 building. SOHO Tianshan Plaza. No.1717 Tianshan Rd. Changning District. Shanghai. China /
Tel +86 21 6237-1972, Telefax +86 21 6237-1803

Research Center : Wavetech B/D, 7F, 15, Iljik-ro 94gil, Anyang city, Republic of Korea (13901) / TEL: +82-31-436-1300

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